1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name: GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY

Recommended use: Air Freshener

Manufacturer, importer, supplier:
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone: +18005585252
Emergency telephone number:
24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

<table>
<thead>
<tr>
<th>Hazard classification</th>
<th>Hazard category</th>
<th>Hazards identification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids</td>
<td>Category 4</td>
<td>Combustible liquid.</td>
</tr>
</tbody>
</table>

Labelling

Hazard statements
Combustible liquid.

Precautionary statements
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Store in a well-ventilated place. Keep cool. Dispose of contents/ container to an approved incineration plant. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves.

Other hazards: None identified
GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td>Mixture</td>
<td>60.00 - 100.00</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinside.scjohnson.com.

4. FIRST AID MEASURES

- **Eye contact**: No special requirements
- **Skin contact**: No special requirements
- **Inhalation**: No special requirements
- **Ingestion**: No special requirements

5. FIREFIGHTING MEASURES

- **Suitable extinguishing media**: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **Specific hazards during firefighting**: Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak in heat of fire.
- **Further information**: Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids, consider containment to prevent the spread of fire. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.
6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**
- Remove all sources of ignition.
- Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Wear personal protective equipment.
- Wash thoroughly after handling.

**Environmental precautions**
- Outside of normal use, avoid release to the environment.

**Methods and materials for containment and cleaning up**
- Use only non-sparking equipment.
- Dike large spills.
- Clean residue from spill site.

7. HANDLING AND STORAGE

**Handling**

**Precautions for safe handling**
- Avoid contact with skin, eyes and clothing.
- For personal protection see section 8.
- Use only as directed.
- KEEP OUT OF REACH OF CHILDREN AND PETS.

**Advice on protection against fire and explosion**
- Keep away from sources of ignition - No smoking.

**Storage**

**Requirements for storage areas and containers**
- Keep container closed when not in use.
- Store in a well-ventilated place. Keep cool.

**Other data**
- Stable at normal ambient temperature and pressure.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment
Respiratory protection : No special requirements.
Hand protection : No special requirements.
Eye protection : Safety glasses with side-shields
Skin and body protection : No special requirements.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Color : yellow
Odor : sweet
Odour Threshold : Test not applicable for this product type
pH : Test not applicable for this product type
Melting point/freezing point : Test not applicable for this product type
Initial boiling point and boiling range : Test not applicable for this product type
Flash point : 89 °C
GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY

Evaporation rate: Test not applicable for this product type

Flammability (solid, gas): Sustains combustion

Upper/lower flammability or explosive limits: Test not applicable for this product type

Vapour pressure: 0.27 hPa

Vapour density: No data available

Relative density: 1.033 g/cm^3 at 20 °C estimated

Solubility(ies): partly miscible

Partition coefficient: n-octanol/water: Test not applicable for this product type

Auto-ignition temperature: not auto-flammable

Decomposition temperature: No data available

Viscosity, dynamic: Test not applicable for this product type

Viscosity, kinematic: Test not applicable for this product type
GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY

Oxidizing properties: No data available

Volatile Organic Compounds: 95.2 % - additional exemptions may apply
Total VOC (wt. %)*: *as defined by US Federal and State Consumer Product Regulations

Other information: None identified

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions: Stable under recommended storage conditions.

Conditions to avoid: Heat, flames and sparks.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Emergency Overview: Warning

Acute oral toxicity: LD50 estimated > 5,000 mg/kg

Acute inhalation toxicity: LC50 estimated > 2 mg/l

Acute dermal toxicity: LD50 estimated > 2,000 mg/kg
GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY

GHS Properties | Classification | Routes of entry
--- | --- | ---
Acute toxicity | No classification proposed | -
Skin corrosion/irritation | No classification proposed | -
Serious eye damage/eye irritation | No classification proposed | -
Skin sensitisation | No classification proposed | -
Respiratory sensitisation | No classification proposed | -
Germ cell mutagenicity | No classification proposed | -
Carcinogenicity | No classification proposed | -
Reproductive toxicity | No classification proposed | -
Specific target organ toxicity - single exposure | No classification proposed | -
Specific target organ toxicity - repeated exposure | No classification proposed | -
Aspiration hazard | No classification proposed | -

Aggravated Medical Condition: None known.

12. ECOLOGICAL INFORMATION

Product: The product itself has not been tested.

Toxicity
The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/10</td>
<td></td>
<td></td>
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</tbody>
</table>
**GLADE® PLUG-INS® SCENTED OIL - PURE VANILLA JOY**

Version 1.1  
Revision Date 04/04/2015  
SDS Number 350000021720  
GEN_SOF Number 47010

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### Toxicity to aquatic invertebrates

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td></td>
<td></td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

### Toxicity to aquatic plants

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td></td>
<td></td>
<td>No data available</td>
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</tbody>
</table>

### Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Biodegradation</th>
<th>Exposure time</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Bioaccumulative potential

<table>
<thead>
<tr>
<th>Component</th>
<th>Bioconcentration factor (BCF)</th>
<th>Partition Coefficient n-Octanol/water (log)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Mobility

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragrance - Trade Secret</td>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>
Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport
Not classified as dangerous in the meaning of transport regulations.

Sea transport
Not classified as dangerous in the meaning of transport regulations.

Air transport
Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).
16. OTHER INFORMATION

**HMIS Ratings**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

**NFPA Ratings**

<table>
<thead>
<tr>
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<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Fire</td>
<td>2</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
<td>-</td>
</tr>
</tbody>
</table>

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

**Further information**

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by

SC Johnson Global Safety Assessment &
Regulatory Affairs (GSARA)